

08/28/00  
JC610 U.S. PTO

8-29-00 A

PTO

JC8864 S  
06/6/9569  
08/28/00

Please type a plus sign (+) inside this box →

Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. P6-US

First Inventor or Application Identifier PATEL et al

Title "APPARATUS AND METHOD FOR RECIRCULATIVE FLOW ...."

Express Mail Label No. EL711099552US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Specification [Total Pages 41]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
4. Oath or Declaration [Total Pages 2]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

5.  Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Copy
  - b.  Paper Copy (identical to computer copy)
  - c.  Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7.  Assignment Papers (cover sheet & document(s))
8.  37 C.F.R. § 3.73(b) Statement  Power of  
(when there is an assignee)  Attorney
9.  English Translation Document (if applicable)
10.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
Statement
11.  Preliminary Amendment
12.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
  - \* Small Entity Statement(s)  Statement filed in prior application,  
(PTO/SB/09-12)
  - 13.  Status still proper and desired  
Certified Copy of Priority Document(s)
  - 14.  (if foreign priority is claimed)
  - 15.  Other: .....

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation  Divisional  Continuation-in-part (CIP)

of prior application No: 09 / 427,841

Prior application information: Examiner \_\_\_\_\_ Unknown \_\_\_\_\_

Group / Art Unit: 1746

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			or <input checked="" type="checkbox"/> Correspondence address below	
Name	Gregory R. Muir REFLECTIVITY, INC.				
Address	3910 Freedom Circle Suite 103				
City	Santa Clara	State	CA	Zip Code	95054
Country	USA	Telephone	(408) 970-8881 x136	Fax	(408) 970-8840

Name (Print/Type)	Gregory R. Muir	Registration No. (Attorney/Agent)	35,293
Signature		Date	8/28/00

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 2,092

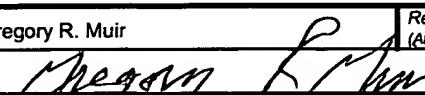
## Complete if Known

Application Number	
Filing Date	August 28, 2000
First Named Inventor	PATEL et al
Examiner Name	---
Group / Art Unit	---
Attorney Docket No.	P18-US

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)					
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number <input type="text"/>  Deposit Account Name <input type="text"/>  <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		<b>3. ADDITIONAL FEES</b> Large Entity Small Entity Fee Code (\$) Fee Code (\$) Fee Description Fee Paid 105 130 205 65 Surcharge - late filing fee or oath <input type="text"/> 127 50 227 25 Surcharge - late provisional filing fee or cover sheet. <input type="text"/> 139 130 139 130 Non-English specification <input type="text"/> 147 2,520 147 2,520 For filing a request for reexamination <input type="text"/> 112 920* 112 920* Requesting publication of SIR prior to Examiner action <input type="text"/> 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action <input type="text"/> 115 110 215 55 Extension for reply within first month <input type="text"/> 116 380 216 190 Extension for reply within second month <input type="text"/> 117 870 217 435 Extension for reply within third month <input type="text"/> 118 1,360 218 680 Extension for reply within fourth month <input type="text"/> 128 1,850 228 925 Extension for reply within fifth month <input type="text"/> 119 300 219 150 Notice of Appeal <input type="text"/> 120 300 220 150 Filing a brief in support of an appeal <input type="text"/> 121 260 221 130 Request for oral hearing <input type="text"/> 138 1,510 138 1,510 Petition to institute a public use proceeding <input type="text"/> 140 110 240 55 Petition to revive - unavoidable <input type="text"/> 141 1,210 241 605 Petition to revive - unintentional <input type="text"/> 142 1,210 242 605 Utility issue fee (or reissue) <input type="text"/> 143 430 243 215 Design issue fee <input type="text"/> 144 580 244 290 Plant issue fee <input type="text"/> 122 130 122 130 Petitions to the Commissioner <input type="text"/> 123 50 123 50 Petitions related to provisional applications <input type="text"/> 126 240 126 240 Submission of Information Disclosure Stmt <input type="text"/> 581 40 581 40 Recording each patent assignment per property (times number of properties) <input type="text"/> 146 690 246 345 Filing a submission after final rejection (37 CFR § 1.129(a)) <input type="text"/> 149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(b)) <input type="text"/>					
<b>1. BASIC FILING FEE</b> Large Entity Small Entity Fee Code (\$) Fee Code (\$) Fee Description Fee Paid 101 690 201 345 Utility filing fee \$ 690 106 310 206 155 Design filing fee <input type="text"/> 107 480 207 240 Plant filing fee <input type="text"/> 108 690 208 345 Reissue filing fee <input type="text"/> 114 150 214 75 Provisional filing fee <input type="text"/>  <b>SUBTOTAL (1) (\$ 690</b>							
<b>2. EXTRA CLAIM FEES</b> Extra Claims Fee from below Fee Paid Total Claims 74 - 20** = 54 X \$18 = \$ 972 Independent Claims 8 - 3** = 5 X \$78 = \$ 390 Multiple Dependent <input type="text"/> = <input type="text"/>							
<i>*or number previously paid, if greater; For Reissues, see below</i>							
<b>Large Entity Small Entity</b> Fee Code (\$) Fee Code (\$) Fee Description 103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3 104 260 204 130 Multiple dependent claim, if not paid 109 78 209 39 ** Reissue independent claims over original patent 110 18 210 9 ** Reissue claims in excess of 20 and over original patent  <b>SUBTOTAL (2) (\$ 1,362</b>							
* Reduced by Basic Filing Fee Paid <b>SUBTOTAL (3) (\$ 40</b>							

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Gregory R. Muir	Registration No. (Attorney/Agent)	35,293	Telephone	(408) 970-8881 x136
Signature		Date	Aug 28, 2000		

## WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.